

Rabbit LFG Polyclonal Antibody | anti-LFG antibody

LFG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304929	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

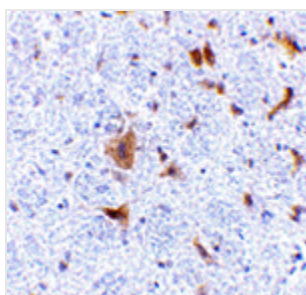
PRODUCT SYNONYMS

LFG; Polyclonal Antibody; LFG Antibody; Lifeguard; Fas apoptotic inhibitory molecule2; FAIM2; NMP35; anti-LFG antibody

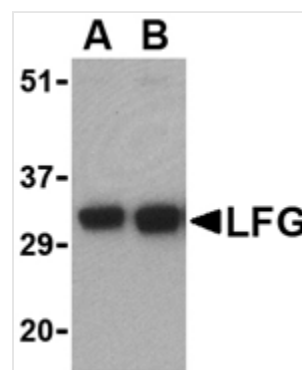
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	316
Applicable Applications for anti-LFG antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human LFG.
Target Name	LFG
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of LFG in mouse brain tissue with LFG antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of LFG in EL4 cell lysate with LFG antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LFG antibody	Programmed cell death regulates a number of biological processes such as normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. LFG is a recently identified protein that can inhibit the apoptotic signal transduced by the Fas receptor but not from the related tumor necrosis factor-alpha death signal. In this respect, LFG is functionally similar to the anti-apoptotic proteins FAIM, FLIP and Bcl-xL. LFG, a seven membrane spanning protein, can bind the Fas receptor but does not regulate Fas expression or inhibit binding of FADD to Fas. LFG is widely distributed, but highly expressed in the hippocampus and other neural tissues. LFG was also identified as the neural membrane protein 35 (NMP35) and its expression is known to be regulated by the Phosphatidylinositol 3-kinase-Akt/PKB pathway.
Product Categories/Family for anti-LFG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6273281
Molecular Weight	30,448 Da
NCBI Official Full Name	lifeguard
UniProt Protein Name	Protein lifeguard 2
UniProt Gene Name	FAIM2
UniProt Synonym Gene Names	KIAA0950; LFG; LFG2; NMP35; TMBIM2
UniProt Entry Name	LFG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/lfg-antibody-immunohistochemistry-western-blot-elisa/304929>